

SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped

Example of designation: XDS-50



d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
s=thickness

Light duty series
XDS - for shafts
(in inches)



description	Price Euro x100	% Price Change		Package
XDS-550	680,00	1 + 20%	2 -	25

DESCRIPTION	GROOVE	THRUST CAPACITY
XDS-550	d2 inch. 5.340 mm 135.64	ring shear Newtons 249.013 L.B.S. 55,983
d1 mm 139.70	Toll. d2 inch. +/-0,006 mm +/-0,15	(safety factor =3)
d1 inch 5.500	c inch. 0.103 mm 2.62	groove yield Newtons 138.341 L.B.S. 31,102
RING IN THE UNSTRESSED STATE		(based on a groove material yield strength of 310/mm and a safety factor of 2)
d3 inch. 5.280 mm 134.11	Toll. c inch. +0,005 mm +0,130	
Toll. d3 inch. -0,125 mm -3,18		
b inch. 0.250 mm 6.35		
Toll. b inch. +/-0,005 mm +/-0,13		
s inch. 0.093 mm 2.36		
Toll. s inch. +/-0,002 mm +/-0,05		
Weight Kg/1000 51.29		

Technical informations are indicative and can be updated.

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